

NEWFOUNDLAND SHELLS

BY E. G. VANATTA

The following species of shells were picked from leaf-mould collected by Mr. Bayard Long while on a botanical expedition to Newfoundland during July and August, 1929. It is hoped that the list will be a useful addition to the records published in THE NAUTILUS, Vol. 38, p. 92, and Vol. 40, p. 112. The *Helicodiscus* and *Vallonia* were not found on Mr. Long's former visit to the island. All the specimens are in the collection of The Academy of Natural Sciences of Philadelphia.

Helix hortensis Müll. Tucker's Head, Lord and Lady Cove, above Lomond, and Summit of Killdevil Mountain, Main Arm of Bonne Bay. Southern Arm, Bonne Bay. Deer Arm, Bonne Bay. Pointe Riche, Ingonachoix Bay. Hannah's Head, Bay of Islands, Newfoundland.

Zonitoides arborea Say. Near Pointe Riche and Hannah's Head.

Retinella hammonis Str. Tucker's Head, near Pointe Riche, Hannah's Head. Penguin Head, Middle Arm, Bay of Islands, Newfoundland.

Vitrina limpida Gld. Near Pointe Riche.

Euconulus fulvus Drap. Tucker's Head and Hannah's Head.

Gonyodiscus cronkhitei Nc. Tucker's Head, near Pointe Riche, and Hannah's Head.

Gonyodiscus cronkhitei Nc. var. *anthonyi* Pils. Pointe Riche. Grassy Island, St. John's Bay.

Helicodiscus parallelus Say. Hannah's Head.

Punctum pygmaeum Drap. v. *minutissimum* Léa. Tucker's Head, near Pointe Riche, and Hannah's Head.

Succinea avara Say. Tucker's Head, Pointe Riche, and Penguin Head.

Succinea ovalis Say. Tucker's Head, Lomond, and Hannah's Head.



Succinea verrilli Bld. Main River, and Lomond. Near Old Port au Choix, St. John's Bay, Newfoundland.

Cochlicopa lubrica Müll. Tucker's Head, near Pointe Riche, Hannah's Head, and Penguin Head.

Pupilla muscorum L. Tucker's Head, and near Pointe Riche.

Vertigo modesta Say. Tucker's Head, and near Pointe Riche.

Vertigo coloradensis Ckll. Tucker's Head, and Hannah's Head.

Columella edentula Drap. Tucker's Head.

Vallonia albula St. Tucker's Head, near Pointe Riche, and Penguin Head.

Lymnaea palustris Müll. Deer Arm, Bonne Bay. Near Old Port au Choix, and St. John Bay.

A NEW HELICINA FROM NEW CALEDONIA

BY T. D. A. COCKERELL

Among the various species of *Helicina* collected in New Caledonia in 1928, there is one which seems exceptionally distinct.

HELICINA (PALAEOHELICINA) OUENENSIS, new species.

Shell with max. diam. 5.6, alt. nearly 4 mm.; spire rounded, obtuse; periphery obtuse; aperture 3 mm. high; lip white, reflected; callus thin, not prominent. Surface with delicate revolving striae, easily seen under a lens, not confined to the last whorl. Color pale pinkish, with a broad dark brown-pink band above the periphery; on the last whorl above this band, the surface is pale straw color, faintly flushed with pink, with a slight tendency to be flecked with whitish; umbilical region broadly creamy white; interior of aperture deep brownish pink. Operculum not known.

Dge, Ile Ouen (also spelled Uen), Southern New Cale-